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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | ATTY. DOCKET NO.: JCLA20829 | APPLICATION No.: 11/781,420 |
| | APPLICANT: GUO-CHENG LIAO et al. | |
| | FILING DATE: July 23, 2007 | GROUP: 2818 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|--|-----------------|------|------|-------|----------|---------------------------------|
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | T |
|---------------------|--|-----------------|---------------------|---------|-------|----------|---|
| /Y.S./ | | 08-329731 | 12/13/1996 | Japan | | | ✓ |
| /Y.S./ | | 09-050934 | 02/18/1997 | Japan | | | ✓ |
| /Y.S./ | | 09-082562 | 03/28/1997 | Japan | | | ✓ |
| /Y.S./ | | 10-270285 | 10/09/1998 | Japan | | | ✓ |
| /Y.S./ | | 2001-230151 | 08/24/2001 | Japan | | | ✓ |
| /Y.S./ | | 2003-003223 | 01/08/2003 | Japan | | | ✓ |
| /Y.S./ | | 2003-133163 | 05/09/2003 | Japan | | | ✓ |
| /Y.S./ | | 2003-243597 | 08/29/2003 | Japan | | | ✓ |

NON PATENT LITERATURE DOCUMENTS

| EXAMINER INITIAL | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published. | T |
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| EXAMINER /Yuriy Semenenko/ | DATE CONSIDERED 01/07/2010 |
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